

TEXAS WATER COMMISSION
WELL SCHEDULE

Aquifer Hosston

Field No. H-27(E-109)

State Well No. 40-24-401

Owner's Well No. #1 Elm Mott School

County McLennan Co

1. Location: 1/4, 1/4 Sec. Block Survey

2. Owner: McLennan County WCID No. 2 Address: Elm Mott, Texas

Tenant: Elm Mott School Address: _____

Driller: Wm. J. Myers Sons Address: Dallas-Denton

3. Elevation of sd is 533 ft. above msl, determined by USGS ESC TAB

4. Drilled: 11-19-46; Dug, Cable Tool, Rotary

5. Depth: Rept. 2270 ft. Meas. _____ ft.

6. Completion: Open Hole, Straight Wall Underreamed, Gravel Packed

7. Pump: Mfr. Fluor Type submersible

No. Stages 6, Bore Dia. _____ in., Setting 470 ft.

Column Dia. 4" in., Length Tailpipe _____ ft.

8. Motor: Fuel elec Make & Model _____ HP. 35

9. Yield: Flow _____ gpm, Pump 200 gpm, Meas. (Rept., Est.)

10. Performance Test: Date _____ Length of Test _____ Made by _____

Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: 30.1 ft. rept. 21 Oct 1964 above top of csg which is ~ 1 ft. above surface.

17.5 ft. rept. 12-16-1960 below which is - ft. above surface.

SL 287 ft. rept. 3-7-1964 below which is - ft. above surface.

200 ft. rept. 1962 above which is _____ ft. below surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used,

13. Quality: (Remarks on taste, odor, color, etc.)

File Temp. _____ °F, Date sampled for analysis 11-5-58 Laboratory TSND

Temp. _____ °F, Date sampled for analysis 9-17-56 Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log H-27

Formation Samples, Pumping Test, _____

15. Record by: A. R. Smith Date 21 Oct 1964

Source of Data U.S. G.S. Schedule 5d-109

16. Remarks: 471' well set to end of air line

airline work

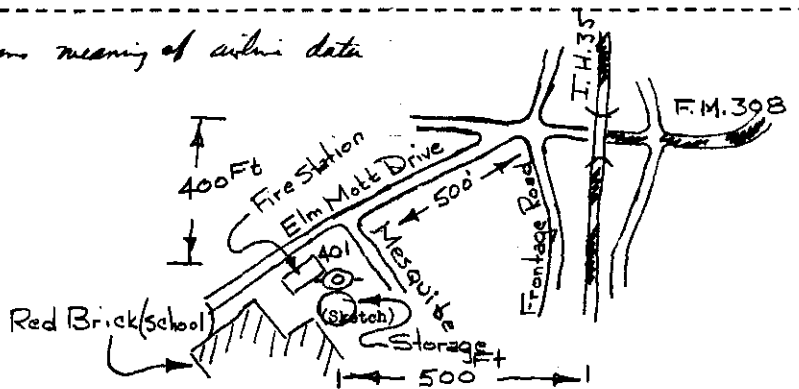
Base of Glen Rose 1918

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft. from to	
8"		0'	600'
5"		600'	2100'
5"		2100'	2270'

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	from	to
5"		2100'	2270'

Ask Wayne Dutton meaning of airline data

Section app 6' yw



9700 (E) 5.95 mi
3145 (N) 5.55 mi

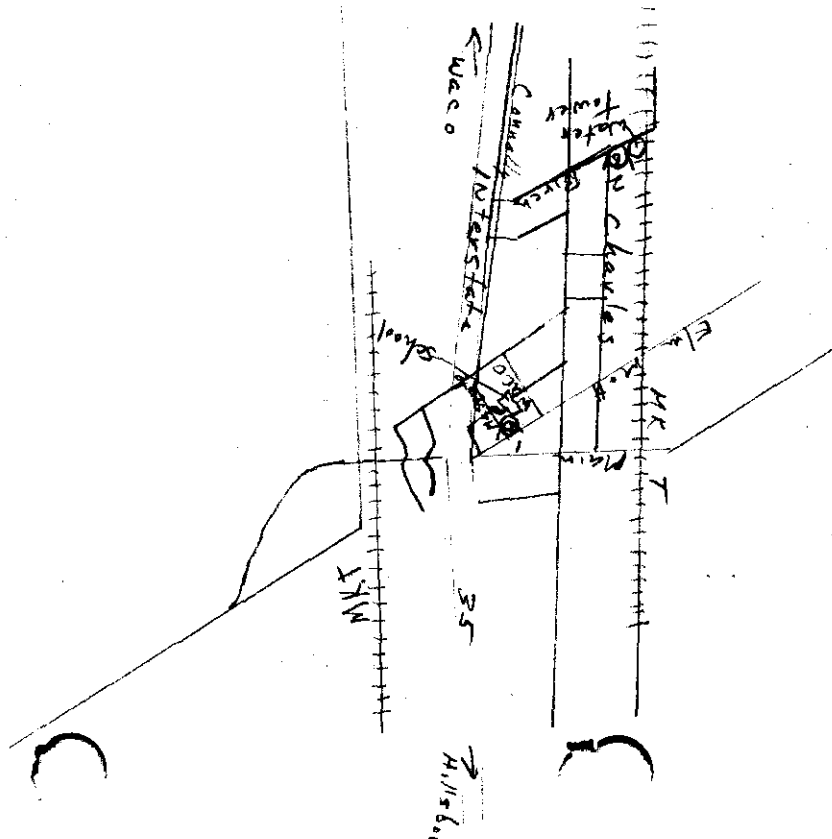
Q-51

SC ✓
4024401

Driller's Log

Surface	0 - 51	Lime & shale	2109- 2189
Clay	51 - 84	Shale	2189- 2200
Rock	84 - 87	Lime & shale	2200- 2270
Rock	87 - 203		
Austin chalk w/ shale streaks	203 - 307		
Shale & lime streak	307 - 429		
Hard Eagle Ford shale	429 - 569		
Lime	569 - 637		
Hard shale	637 - 658		
Sticky shale	658 - 663		
Lime w/ streaks hard shale	663 - 712		
Shale	712 - 720		
Lime	720 - 916		
Lime w/ shale streaks	916 - 961		
lime	961 - 1096		
Shale & broken lime	1096 - 1169		
Lime w/ shale streaks	1169 - 1304		
Lime & sand	1304 - 1309		
Sand	1309 - 1311		
Sand w/streaks lime	1311 - 1329		
Lime	1329 - 1354		
Sand	1354 - 1362		
Lime	1362 - 1460		
Lime-sandy iron-shale streaks	1460 - 1545		
Lime	1545 - 1587		
Lime w/ streaks sticky shale	1587 - 1665		
Lime	1665 - 1686		
Lime-shale-sandy shale breaks	1686 - 1771		
White shale- lime breaks	1771 - 1793		
Lime	1793 - 1794		
Shale	1794 - 1820		
Lime & shale	1820 - 1872		
Shale-streaks sandy shale & lime	1872 - 1989		
Lime-shale streaks	1989 - 2032		
Shale-streaks sandy shale & lime	2032 - 2109		

40-24-401



J. L. MYERS SONS
1909 HIGHLAND
DENTON, TEXAS

Mc Dean
ST-40-24-401

DRILLER'S LOG

Well Owner: Elm Mott School #1
Well Location: City of Elm Mott, McLennan County, Texas
Well Drilled By: J. L. Myers Sons, Denton & Dallas, Texas
Well Completed: November 1946.

Depth of Strata	Thickness	Formation
0-51	51	Surface
51-84	33	Clay
84-87	3	Rock
87-203	116	Rock
203-307	104	Austin Chalk W/Shale Streaks
307-429	122	Shale & Lime Streak
429-569	140	Hard Eagle Ford Shale
569-637	68	Lime
637-658	21	Hard Shale
658-663	5	Sticky Shale
663-712	49	Lime W/Streaks Hard Shale
712-720	8	Shale
720-916	196	Lime
916-961	45	Lime W/Shale Streaks
961-1096	135	Lime
1096-1169	73	Shale & Broken Lime
1169-1304	135	Lime W/Shale Streaks
1304-1309	5	Lime & Sand
1309-1311	2	Sand
1311-1329	18	Sand W/Streaks Lime
1329-1354	25	Lime
1354-1362	8	Sand
1362-1460	98	Lime
1460-1545	85	Lime-Sandy Iron-Shale Streaks
1545-1587	42	Lime
1587-1665	78	Lime W/Streaks Sticky Shale
1665-1686	21	Lime
1686-1771	85	Lime-Shale-Sandy Shale Breaks
1771-1793	22	White Shale-Lime Breaks
1793-1794	1	Lime
1794-1820	26	Shale
1820-1872	52	Lime & Shale
1872-1989	117	Shale-Streaks Sandy Shale & Lime
1989-2032	43	Lime-Shale Streaks
2032-2109	79	Shale-Streaks Sandy Shale & Lime
2109-2189-	80	Lime & Shale
2189-2200	11	Shale
2200-2270	70	Lime & Shale

COMPLETION RECORD

0-600 600' Of 8" Casing
600-2100 1500' Of 5" Blank Casing
2100-2270 170' Of 5" Perforated Pipe